

S/N 09/935,580

Response to Office Action Dated 11/15/2005

**In the Claims**

Claims 1—24 are cancelled.

Claims 25—44 are new.

1—24. Cancel.

25. (New) A processor-implemented method for printing a test pattern, comprising:

determining a size of a print medium upon which the test pattern is to be printed;

configuring the test pattern to include as many elements as will fit per row, wherein height of the test pattern is increased in response to availability of elements beyond which will fit in a row on a print medium; and

printing the test pattern on the print medium.

26. (New) The processor-implemented method of claim 25, wherein configuring the test pattern to include as many elements as will fit per row comprises:

configuring each row of the test pattern to include as many color ramps as will fit on a row, up to a number of color ramps to be printed.

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1 27. (New) The processor-implemented method of claim 25, wherein  
2 configuring the test pattern to include as many elements as will fit per row  
3 comprises:

4 configuring the test pattern to include a second row only when space does  
5 not exist on a first row to add an additional element.  
6

7 28. (New) The processor-implemented method of claim 25, wherein  
8 configuring the test pattern to include as many elements as will fit per row  
9 comprises:  
10

11 configuring differently sized print media to include different numbers of  
12 elements per row, wherein for each size of print media, each row is filed before  
13 another row is started.  
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15 29. (New) The processor-implemented method of claim 25, wherein  
16 configuring the test pattern comprises:  
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18 configuring the elements to be printed according to a size of each of the  
19 elements.  
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1 30. (New) The processor-implemented method of claim 25, wherein  
2 configuring the test pattern comprises:

3 configuring the test pattern to maximize width of the text pattern and  
4 minimize height of the test pattern.  
5

6 31. (New) The processor-implemented method of claim 25, wherein  
7 configuring the test pattern comprises:

8 adjusting a relative position of elements, between locating the elements on  
9 a same row and locating the elements on two different rows, based upon size of  
10 the elements and space available in the same row.  
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13 32. (New) The processor-implemented method of claim 25, wherein as  
14 many elements as will fit per row is based on a size of the elements and a width of  
15 the print medium.  
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1 33. (New) A processor-implemented method for printing a test pattern,  
2 comprising:

3 determining a width of a print medium;  
4 configuring the test pattern to include as many elements as will fit per row,  
5 based on width of the print medium and size of the elements, wherein the  
6 configuring moves an element which will not fit on a first row into a second row  
7 wherein the moved element will fit in its entirety; and  
8 printing the test pattern on the print medium.  
9

10  
11 34. (New) The processor-implemented method of claim 33, wherein the  
12 method additionally comprises:

13 increasing height of the test pattern only in response to availability of  
14 elements which will not fit on a row.  
15

16  
17 35. (New) The processor-implemented method of claim 33, wherein  
18 configuring the test pattern to include as many elements as will fit per row  
19 comprises:

20 configuring each row of the test pattern to include as many color ramps as  
21 will fit on the row, up to a number of color ramps to be printed.  
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1 36. (New) The processor-implemented method of claim 33, wherein  
2 configuring the test pattern to include as many elements as will fit per row  
3 comprises:

4 configuring each element using a single color; and

5 confining each single color element to a single row.  
6

7 37. (New) The processor-implemented method of claim 33, wherein  
8 configuring the test pattern to include as many elements as will fit per row  
9 comprises:  
10

11 configuring differently sized print media to include different numbers of  
12 elements per row, wherein for each size of print media, each row is filled before  
13 another row is started, wherein height is minimized by filling each row before  
14 starting another row.  
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16 38. (New) The processor-implemented method of claim 33, wherein  
17 configuring the test pattern comprises:  
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19 minimizing a height of the test pattern, while maximizing a width of the test  
20 pattern, wherein each element comprises a color ramp fully contained on a row of  
21 the test pattern.  
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1 39. (New) A printing apparatus configured for printing a test pattern,  
2 comprising:

3 means for measuring a size of a print medium upon which the test pattern is  
4 to be printed;

5 means for configuring the test pattern to include as many elements as will  
6 fit per row and moving elements which will not fit on a first row into a second row  
7 wherein the moved element will fit in its entirety; and

8 means for printing the test pattern on the print medium.  
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11 40. (New) The printing apparatus of claim 39, wherein the means for  
12 configuring the test pattern maximizes width and minimizes height of a test pattern  
13 comprising a number of color ramps.  
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15 41. (New) The printing apparatus of claim 39, wherein the means for  
16 configuring the test pattern adds a second row only when space does not exist on a  
17 first row to add an additional element in the additional element's entirety.  
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20 42. (New) The printing apparatus of claim 39, wherein the means for  
21 configuring the test pattern configures differently sized print media to include  
22 different numbers of elements per row, wherein for each size of print media, each  
23 row is filed before another row is started.  
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1           43.   (New) The printing apparatus of claim 39, wherein the means for  
2 configuring the test pattern minimizes a height of the test pattern and maximizes a  
3 width of the test pattern, wherein each element within the test pattern comprises a  
4 color ramp fully contained on a row of the test pattern.  
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6           44.   (New) The printing apparatus of claim 39, wherein:  
7           the means for configuring the test pattern maximizes width of the test  
8 pattern and minimizes height of the test pattern; and  
9           the means for printing is adapted for printing on rolled media.  
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